This listing of claims will replace all prior versions, and listings, of claims in the application.

1-23. (Canceled)

24. (Currently Amended) A method of preparing a glycoalkaloid preparation which comprises at least one glycoalkaloid of the general formula I:

$$\begin{array}{c|c}
R_1 & R_3 \\
R_1 & R_1
\end{array}$$

$$\begin{array}{c|c}
R_1 & R_1
\end{array}$$

$$\begin{array}{c|c}
R_1 & R_1
\end{array}$$

wherein:

either one of the dotted lines represents a double bond, and the other a single bond, or both represent single bonds;

A: represents a radical selected from the following radicals of general formulae (II) to (V):

Each of R¹ is a radical separately selected from the group consisting of hydrogen, amino, oxo and OR⁴; each of R² is a radical separately selected from the group consisting of hydrogen, amino and OR⁴; each of R³ is a radical separately selected from the group consisting of hydrogen, alkyl and R⁴O-alkylene; each of R⁴ is a radical separately selected from the group consisting of hydrogen, and carbohydrate "X" is a radical selected from the group consisting of -CH₂-,-O- and -NH-;

wherein the compound includes at least one R⁴ group in which R⁴ is a carbohydrate

the method including the step of removing-essentially all free sugars-derived from being degradation products of the glycoalkaloid from the preparation.

25. (Previously Presented) The method of claim 24 wherein R^4 is selected from the group consisting of glyceric aldehyde; glycerose; erythrose; threose; ribose; arabinose; xylose; lyxose; altrose; allose; gulose; mannose; glucose; idose; galactose; talose; rhamnose; dihydroxyactone; erythrulose; ribulose; xylulose; psicose; fructose; sorbose; tagatose; and other hexoses ($C_6H_{12}O_6$); heptoses ($C_7H_{14}O_7$); octoses ($C_8H_{16}O_8$); nanoses ($C_9H_{18}O_9$); decoses ($C_{10}H_{20}O_{10}$); deoxysugars with branched chains;

compounds wherein the aldehyde, ketone or hydroxyl groups have been substituted; sugar alcohols; sugar acids; benzimidazoles; the enol salts of the carbohydrates; saccharinic acids; sugar phosphates.

- 26. (Previously Presented) The method of claim 24 wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
- 27. (Previously Presented) The method of claim 24 wherein the free sugar is rhamnose, or a disaccharide, trisaccharide, oligosaccharide or polysaccharide having rhamnose as a sugar moiety thereof.
- 28. (Previously Presented) The method claim 24 wherein the preparation is also treated to remove any aglycone therefrom.
- 29. (Previously Presented) The method of claim 24 wherein essentially all the free sugars are removed from the preparation by washing the extract with an aqueous solvent.
- 30. (Previously Presented) The method of claim 28 wherein the aglycone is removed from the preparation by washing the preparation with an chlorinated hydrocarbon solvent.

- 31. (Previously Presented) The method of claim 30 wherein chlorinated hydrocarbon is chloroform.
- 32. (Previously Presented) The method of claim 24 wherein a time period of at least about 7 days has elapsed between the extraction and removal steps.
- 33. (Previously Presented) A glycoalkaloid preparation produced according to the method of claim 24.
- 34. (Previously Presented) A medicinal composition comprising a glycoalkaloid preparation according to claim 33 and a pharmaceutically acceptable carrier, adjuvant, excipient and/or diluent.
- 35. (Previously Presented) The composition of claim 34, wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
- 36. (Previously Presented) The composition of claim 34, wherein the at least one glycoalkaloid is BEC.
- 37. (Previously Presented) The composition of claim 34 in a form suitable for topical administration.

- 38. (Previously Presented) The composition of claim 34, which includes between at least about 0.001% to about 5% wt of the at least one glycoalkaloid.
- 39. (Previously Presented) The composition of claim 34, which is in a form suitable for administration by injection.
- 40. (Previously Presented) The composition of claim 39, which includes a liquid carrier selected from the group consisting of DMSO, acetic acid and lactic acid.
- 41. (Previously Presented) The composition of claim 34, which includes a stabilizing agent for stabilizing the at least one glycoalkaloid.
- 42. (Previously Presented) A method for the treatment or control of cancer in a mammal requiring such treatment, the method comprising administering to said mammal an effective amount of the medicinal composition of claim 34.
- 43. (Currently Amended) A method of preparing a glycoalkaloid preparation which comprises at least one glycoalkaloid of the general formula I:

$$\begin{array}{c|c}
R_1 & R_3 \\
R_1 & R_1 \\
R_2 & R_2
\end{array}$$

wherein:

either one of the dotted lines represents a double bond, and the other a single bond, or both represent single bonds;

A: represents a radical selected from the following radicals of general formulae (II) to (V):

$$R_3$$
 R_2
 R_3
 R_3

Each of R¹ is a radical separately selected from the group consisting of hydrogen, amino, oxo and OR⁴; each of R² is a radical separately selected from the group consisting of hydrogen, amino and OR⁴; each of R³ is a radical separately selected from the group consisting of hydrogen, alkyl and R⁴O-alkylene; each of R⁴ is a radical separately selected from the group consisting of hydrogen, and carbohydrate "X" is a radical selected from the group consisting of -CH₂-,-O- and -NH-;

wherein the compound includes at least one R⁴ group in which R⁴ is a carbohydrate;

the method including extracting the at least one glycoalkaloid from a suitable plant material to form an extract and removing essentially all free sugars derived from being degradation products of the glycoalkaloid from the extract.

- 44. (Previously Presented) The method of claim 43, wherein R⁴ is selected from the group consisting of glyceric aldehyde; glycerose; erythrose; threose; ribose; arabinose; xylose; lyxose; altrose; allose; gulose; mannose; glucose; idose; galactose; talose; rhamnose; dihydroxyactone; erythrulose; ribulose; xylulose; psicose; fructose; sorbose; tagatose; and other hexoses (C₆H₁₂O₆); heptoses (C₇H₁₄O₇); octoses (C₈H₁₆O₈); nanoses (C₉H₁₈O₉); decoses (C₁₀H₂₀O₁₀); deoxysugars with branched chains; compounds wherein the aldehyde, ketone or hydroxyl groups have been substituted; sugar alcohols; sugar acids; benzimidazoles; the enol salts of the carbohydrates; saccharinic acids; sugar phosphates.
- 45. (Previously Presented) The method of claim 43, wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
- 46. (Previously Presented) The method of claim 43 wherein the plant material is from a plant of the Solanum genus.
- 47. (Previously Presented) The method of claim 43, wherein the extract is BEC.
- 48. (Previously Presented) The method of claim 43, wherein the free sugar is rhamnose, or a disaccharide, trisaccharide, oligosaccharide or polysaccharide having rhamnose as a sugar moiety thereof.

- 49. (Previously Presented) The method of claim 43 wherein the extract is also treated to remove any aglycone therefrom.
- 50. (Previously Presented) The method of claim 43 wherein essentially all the free sugars are removed from the extract by washing the extract with an aqueous solvent.
- 51. (Previously Presented) The method of claim 49 wherein the aglycone is removed from the extract by washing the preparation with a chlorinated hydrocarbon solvent.
- 52. (Previously Presented) A method of claim 51 wherein chlorinated hydrocarbon is chloroform.
- 53. (Previously Presented) The method of claim 43 wherein a time period of at least about 7 days has elapsed between the extraction and removal steps.
- 54. (Previously Presented) A glycoalkaloid preparation produced according to the method of claim 43.
- 55. (Previously Presented) A medicinal composition comprising a glycoalkaloid preparation according to claim 54 and a pharmaceutically acceptable carrier, adjuvant, excipient and/or diluent.

- 56. (Previously Presented) The composition of claim 55, wherein the at least one glycoalkaloid is selected from the group consisting of solasonine, solamargine, and tomatine.
- 57. (Previously Presented) The composition of claim 55, wherein the at least one glycoalkaloid is BEC.
- 58. (Previously Presented) The composition of claim 55 in a form suitable for topical administration.
- 59. (Previously Presented) The composition of claim 55, which includes between at least about 0.001% to about 5% wt of the at least one glycoalkaloid.
- 60. (Previously Presented) The composition of claim 55, which is in a form suitable for administration by injection.
- 61. (Previously Presented) The composition of claim 60, which includes a liquid carrier selected from the group consisting of DMSO, acetic acid and lactic acid.
- 62. (Previously Presented) The composition of claim 55, which includes a stabilizing agent for stabilizing the at least one glycoalkaloid.

63. (Previously Presented) A method for the treatment or control of cancer in a mammal requiring such treatment, the method comprising administering to said mammal an effective amount of the medicinal composition of claim 55.